

West Sussex County Council

EDUCATION COMMITTEE



REPORT

OF THE

PRINCIPAL
SCHOOL MEDICAL OFFICER

FOR THE YEAR ENDED

31st DECEMBER 1955

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INTRODUCTION

To the Chairman and Members of the Education Committee.

I herewith submit my report on the work of the School Health Service for the year 1955.

Detailed statistical information as to the work carried out is contained in the Ministry of Education's Tables I-V which are appended.

During the year the Ministry of Education informed Education Authorities that the School Medical and Dental Record Cards had been slightly revised. These revised cards would not replace cards already in use but would be brought into use as stocks of the earlier approved forms were exhausted. One of the main changes is that as from the 1st January, 1956, the classification "General Condition" with its three categories of "Good", "Fair" and "Poor" becomes "Physical Condition". This should be a summing up of the Medical Officer's opinion of the child's physical fitness. Only two categories are considered necessary - "Satisfactory" and "Unsatisfactory".

On reference to Table C it will be seen that the attendances at the minor ailment clinics have shown a steady decrease over the past seven years. Undoubtedly the coming into operation of the Health Service Act in 1948, providing for medical treatment by the family doctor has been a primary factor in this decrease, coupled with the gradual improvement in the general condition of the child as shown in Table A. With the decrease it has been possible to reduce the frequency of the Medical Officer's attendance at the clinics.

The position in regard to the co-operation of the hospitals in supplying us with information about children treated in hospital remains unchanged. However, I would mention that I always receive the fullest information in regard to particular cases on request. There is close co-operation with the family doctor who is informed if specialist advice is required.

The campaign for the immunisation of children against diphtheria continued throughout the year, the field work again being carried out by the School Medical Officers and the Medical Practitioners.

The report of the Organisers of Physical Education is appended as requested by the Ministry of Education.

My thanks are due to all members of the Committee, Teaching Staffs of Schools, Medical, Dental and Nursing Staffs and all those who have taken part in one way or another in our schemes, for the co-operation and support given me during 1955. Also to the Medical Practitioners and the various Hospital Staffs for their help and co-operation. I wish also to express my thanks to the members of the School Health Service Department for their loyal and whole-hearted help.

J. S. BRADSHAW.

Principal School Medical Officer.

WEST SUSSEX COUNTY COUNCIL

School Health Service - 1955.

STATISTICS.

The estimated population mid-1955 was 347,700 of whom 22,100 were under 5 years of age, and 53,000 were aged 5 to 14 years.

Including the Borough of Worthing, there were in 1955, 207 schools in the County, of these 4 were nursery, 168 primary, 1 technical, 23 secondary modern, 9 secondary grammar and 2 special schools (including Wedges Camp School). The average number on roll was 46,000.

STAFF

There were various changes in the staff during the year.

School Dental Service - Mr. J. P. Middleton, School Dental Officer, resigned his appointment on 24th April, 1955, and was succeeded by Mr. P. J. Pearce who was appointed on the 16th May, 1955. Mr. Pearce resigned on the 25th November, 1955. The Committee agreed to Mr. F. C. Tomlyn temporarily reducing his service from whole time to 10/11s whole time as from 11th June, 1955.

Orthopaedic Service - With the retirement of Miss L. M. C. Maynard, School Physiotherapist, on 31st March, 1955, the two Hospital Management Committees - Redhill and Worthing - in whose area Miss Maynard worked, by agreement arranged each to appoint a part-time physiotherapist for school work. Redhill Hospital Management Committee appointed Mrs. Nettles on the 14th March, 1955, and Worthing Hospital Management Committee appointed Mrs. M. E. King in August, 1955, Miss Maynard continuing part-time in the Worthing Hospital Management Committee area until 22nd July.

Child Guidance Service - Miss E. A. Bonniface, Psychologist, Child Guidance Service, resigned on the 28th February, 1955, and your Committee decided to appoint two Educational Psychologists to undertake educational psychology in schools in addition to their clinical work. Miss M. Gaul and Miss J. K. Reynell were appointed and commenced duties on 1st September, 1955. Mrs. H. Forres was appointed temporarily as part-time psychologist from the 15th March to 18th August. Miss A. M. Weil, Child Therapist Worthing, reduced her sessions from four to one per week and Miss R. Oppenheimer was appointed Child Therapist at Worthing for three sessions per week as from the 20th September, 1955. Miss A. Bene, Child Therapist Worthing and Horsham, reduced her Horsham sessions from six to five per week to enable her to devote an additional session to Worthing during Dr. Shadforth's sick leave. Mr. D. Drucker, Psychiatric Social Worker, Worthing, and Miss G.G. Stimmler, Psychiatric Social Worker, Horsham, resigned on the 1st and 31st December respectively.

School Eye Service - Dr. E. V. Tallack undertook, temporarily, work at the Horsham Eye Clinic during January and early February, 1955, but had to relinquish the work on taking up an appointment in London, following which Dr. Nankivell kindly undertook to hold Eye Clinics at Horsham on Saturday mornings as from March, 1955.

CO-ORDINATION WITH OTHER HEALTH SERVICES.

As mentioned in previous reports, there is close co-ordination with the health services of the County Health Committee in such matters as the examination of defective vision, treatment of diseases of the ear, nose and throat, orthopaedic treatment, orthoptic treatment for squint and speech therapy for children under school age. Also in eleven instances the same buildings are used in common as clinic premises. The fact that the same nurse as a rule acts as Health Visitor and School Nurse simplifies home supervision.

Health Visiting and infant welfare centre records of all children, when they reach school age, are transferred to the School Health Service Department.

SCHOOL HYGIENE

During the year representations were made to the Director of Education in respect of defects relating to lavatory accommodation (10), washing facilities (2), sanitation (2), heating (1), water supply (1). The question of unsuitable furniture (1) was also referred to the Director of Education. The Borough School Medical Officer, Worthing, made representations to the Borough Education Officer in respect of defects relating to sanitation (2), water supplies (2), heating (1) and lavatory accommodation (1).

MEDICAL INSPECTION

Three routine medical inspections are prescribed by the Ministry of Education but discretion as to the ages to be inspected is left to the Authority. The Authority may also arrange additional routine medical inspections, and in West Sussex a child is examined four times in his school life, viz., as an entrant (5 - 7 years), at 8, 11 and 14 years of age. Also, children remaining at a Secondary Grammar School until a later age have an additional inspection, or if they are there until the age of 18, two additional inspections. With a few exceptions, the same Medical Officer inspects the same schools, each year.

As far as possible two visits were paid in the year to each school to complete the routine inspections, the examination of special cases, and the re-examination of pupils previously found or suspected to have some disease or defect.

Owing to lack of accommodation in the older schools it has become increasingly necessary to use premises other than schools for medical inspections.

In Tables I (a) and I (b) (Page 16) are given the number of routine medical examinations in the various age groups, the special examinations and re-examinations. The examination of handicapped pupils is not included in these figures. Table I (c) shows the number of pupils found at the periodic medical inspection to require treatment; the percentage of pupils requiring treatment being 8.5 compared with 9.6 in 1954, 9.4 in 1953, 9.7 in 1952, 10.5 in 1951, and 12.5 in 1950.

With reference to Table II (b) (page 18) it will be seen that the general condition of 52.57% of the pupils examined was "Good", 46.61% "Fair", and 0.82% "Poor". The Table below gives the percentages for years 1947 to 1955. It will be noted that the upward trend in the general condition of pupils was maintained during the year.

Table A.

Year	A (Good)	B (Fair)	C (Poor)
1947	19.87	68.73	11.40
1948	21.60	69.15	9.24
1949	24.13	68.69	7.17
1950	27.54	67.81	4.65
1951	35.33	61.42	3.24
1952	41.83	55.34	2.82
1953	46.25	52.12	1.63
1954	47.40	51.35	1.24
1955	52.57	46.61	0.82

INFECTIOUS DISEASES

(a) Infantile Paralysis.

During the year 22 cases among school children were notified this included 4 visitors. All were admitted to Infectious Diseases or General Hospitals. Of the 18 West Sussex cases, 14 were of the non-paralytic type. Of the 4 remaining cases, one died, one made a complete recovery and two were in hospital at the end of the year. Of the two in hospital at the end of the year, both have since been discharged, one having made a good recovery and the other is still under treatment for paralysis of the lower limbs.

(b) Sonne dysentery.

An outbreak of sonne dysentery occurred in three schools in the Horsham area during the autumn term. The first case was notified in September at a nursery school. On enquiry it was found there had been a number of cases of diarrhoea previously, 15 children were eventually notified as having sonne dysentery. In November a case was notified attending an Infants' School. Here again it was found that many children had been vomiting-or had had diarrhoea since early in the term. A total of 85 children were known to the staff to have had diarrhoea since the end of September while 55 were known to have been sick while at school. Early in December three cases of sonne dysentery were notified all of whom attended one school and on enquiry it was found that 40 children were absent though the reason for absence was known only in a few cases. As the schools would normally close for the Christmas vacation it was decided on the 15th to close the Trafalgar and Chesworth Schools immediately. From information received it was apparent that sonne dysentery had become prevalent during the autumn over a wide area in the southern counties.

(c) General.

Excluding those schools mentioned above, no other schools were closed on account of infectious disease. Though there were a number of outbreaks, few were of a serious nature, measles accounting for 21 outbreaks, chickenpox 9, mumps 7, Whooping cough 3 and influenza 1.

DIPHTHERIA IMMUNISATION

During 1955 a total of 4,406 children were immunised against diphtheria; of these 3,576 were under school age. In addition 4,790 received a "boosting" dose. The following Table which was introduced by the Ministry of Health in 1953 shows that 55,796 children still under 15 years of age have been immunised against diphtheria, of these 11,840 were under the age of 5 years. In considering the figures it should be borne in mind that under the Council's scheme immunisation of children commences at one year of age, this will of course account for the low percentage (11.95) immunised under one year of age.

Table B.

Immunisation in Relation to Child Population

Number of Children at 31st December, 1955 who had completed a course of Immunisation at any time before that date.					
Age at 31.12.55. i.e. born in year ..	Under 1 1955	1 - 4 1954-1951	5 - 9 1950-1946	10 - 14 1945-1941	Under 15 Total
Last complete course of injections (pri- mary or booster) A. 1951 - 1955 ..	545	11295	17467	6195	35502
B. 1950 or earlier	--	--	7120	13174	20294
C. Est. mid-year child population	4560	17540	53000		75100
Immunity index 100A/C ..	11.95	64.40	46.53		47.27

Minor Ailments.

The following Table shows the Clinics held and the number of children attending thereat:-

Table C.

Clinic	No. of children treated	No. of attendances
Bognor Regis	381	953
Chichester ..	230	715
Crawley ..	1	2
Horsham ..	56	131
Lancing ..	49	128
Littlehampton	376	2144
Selsey ..	1	1
Shoreham ..	40	100
Worthing ..	499	1941
TOTAL ..	1633	6115

These figures of 1,633 and 6,115, compare with 1,823 children who made 6,013 attendances in 1954. It will be appreciated that in addition a number of children were treated at home and in the schools by the Nurses. Also, 1832 cases were treated by the resident nurse at Wedges Camp School and 529 by the resident nurse at Cooper's School. For further information as to defects treated, Table IV, Groups I and VII (Pages 19 and 20) should be consulted.

Diseases and Defects of the Ear, Nose and Throat.

With reference to Table IV, Group 3 (page 21), it will be noted that 26 children received operative treatment compared with 140 in 1954 and 145 in 1953. Of the 26 cases, 25 were in respect of adenoids and chronic tonsillitis, a decrease of 102 compared with the previous year. It should be mentioned that no child is referred for operative treatment, unless absolutely necessary, the emphasis being on conservative treatment. The majority of cases have been kept under observation for a period before being referred for operative treatment.

In regard to diseases of the ear, it will be noted from the following Table that during 1955, 14 Consultant Clinics were held at Chichester and Worthing. No sessional clinics were held at Brighton (Sussex Throat and Ear) Hospital, Crawley Hospital, Petworth Hospital, Horsham Hospital or Worthing Hospital. Individual appointments were made for children to be seen at these five hospitals.

Table D.

Clinic	Sessions held	No. of Cases seen			Total Attendances.	No. Discharged
		New	Old	Total		
Brighton	-	3(-)	2(-)	5(-)	6(-)	2(-)
Chichester	6	22(1)	18(-)	40(1)	45(1)	3(-)
Crawley	-	3(-)	-(-)	3(-)	3(-)	-(-)
Horsham	-	9(-)	5(-)	14(-)	14(-)	2(-)
Petworth	-	1(-)	-(-)	1(-)	1(-)	-(-)
Worthing	8	33(12)	45(1)	78(13)	85(22)	33(11)
Worthing Hospital	-	7(-)	-(-)	7(-)	7(-)	1(-)
Total	14	78(13)	70(1)	148(14)	161(27)	41(11)

(Figures in brackets refer to children under school age and are included in the totals).

Defective Vision and Squint.

The examination of eye cases is carried out at 11 centres, those at Bognor Regis, Chichester, Lancing, Shoreham and Worthing Clinics being carried out under arrangements with the Regional Hospital Board.

In Table IV, Group 2 (page 19), it will be seen that 2,766 cases were examined in 1955. This compares with 2,713 in 1954. Thirty three cases were recommended and received operative treatment for squint.

Orthoptic treatment was continued at the Chichester, Horsham and Worthing Clinics. During the year 441 school children received treatment from the Orthoptists. In addition, a number of children under school age also received treatment. During treatment by the Orthoptist the case remains under the supervision of the Ophthalmic Surgeon, who accepts full responsibility for it during the whole of its orthoptic treatment.

Supply of Spectacles.

During the year 1,618 children had spectacles prescribed and of these 1,516 had been obtained by the 31st December, 1955.

Crippling Defects and Orthopaedics.

The following Tables show the number of Clinics held, the number of cases and the conditions seen by Mr. Cholmeley, Orthopaedic Surgeon.

From the following Table it will be seen that during the year 51 clinic sessions were held at which 533 children, including 150 under school age made 899 attendances.

Table E.

Clinic	No. of Sessions	No. of Cases Seen			Total Attendances
		New	Old	Total	
Chichester ..	15	52(23)	94(22)	146(45)	251(83)
Horsham ..	15	87(20)	75(15)	162(35)	247(62)
Lancing ..	5	32(19)	35(7)	67(26)	113(40)
Littlehampton ..	5	16(7)	39(12)	55(19)	95(31)
Worthing Borough	11	35(13)	68(12)	103(25)	193(46)
Total	51	222(82)	311(68)	533(150)	899(264)

(Figures in brackets refer to children under school age and are included in the figures).

The following table shows the types of cases seen by the Orthopaedic Surgeon during the year. The numbers include children under school age - shown in brackets.

Table F.

DIAGNOSIS	No. of		TOTAL
	BOYS	GIRLS	
<u>Congenital Defects:</u>			
Club Foot	17(4)	12(4)	29(8)
Dislocation of Hip	-(-)	8(3)	8(3)
Spastic Paralysis	18(6)	15(5)	33(11)
Spina Bifida	4(-)	7(1)	11(1)
Other Conditions	39(17)	41(14)	80(31)

Table F (Contd.)

DIAGNOSIS	No. of		TOTAL
	BOYS	GIRLS	
Birth Injuries:			
Torticollis	7(5)	1(-)	8(5)
Other conditions	2(2)	-(-)	2(2)
<u>Rickety Deformities:</u>			
Bow Legs	5(4)	7(7)	12(11)
Knock Knees	2(2)	3(2)	5 (4)
Other Conditions	-(-)	2(-)	2 (-)
Knock Knees (Non-Rickety) ..	28(17)	23(11)	51(28)
Postural Defects of the Spine	8(-)	18(-)	26(-)
Structural Curvature of the Spine	6(-)	3(2)	9(2)
Flat Feet, etc.	81(17)	78(15)	159(32)
Infantile Paralysis	37(2)	25(4)	62(6)
Fractures	5(-)	5(1)	10(1)
Tuberculous Joints	1(-)	2(-)	3(-)
Other Bone Diseases (Non- Tubercular):			
Perthe's Disease	6(-)	-(-)	6(-)
Apophysitis of the Os Calcis etc.	5(1)	3(1)	8(2)
Osteochondritis	-(-)	1(-)	1(-)
Osteomyelitis	1(-)	1(-)	2(-)
Pseudo-Hypertrophic Muscular Dystrophy	4(-)	-(-)	4(-)
Other Conditions	9(4)	12(2)	21(6)
TOTAL	285(81)	267(72)	552(153)

Forty five cases received in-patient treatment during the year. There were no cases under treatment at the 31st December, 1955.

In addition eight children under school age received treatment during the year, 6 were discharged, leaving 2 still receiving treatment at the 31st December, 1955.

During the year, special boots and appliances were supplied under our scheme, through the National Health Service, to 121 cases, including 34 children under school age.

One hundred and twenty cases were X-rayed during the year, including 17 children under school age.

The following statement shows the cases treated by the Physiotherapists under the instructions of the Orthopaedic Surgeon. They hold clinics at the various health centres, and visit children in their homes, when necessary.

No. of Cases Treated			Total Attendances
Old	New	Total	
288(79)	341(102)	629(181)	5468(1153)

(Figures in brackets refer to children under school age, and are included in the total figures).

Mrs. Nettles, the Physiotherapist for the north eastern half of the County, regularly visits Wedges Camp School for the purpose of supervising and giving instructions in exercises for special cases, including asthma.

Scabies.

Five cases of scabies were reported during the year. In 1954 there were only five cases.

Child Guidance Clinics.

During the year 317 cases were referred to the Child Guidance Clinics for investigation. In addition 37 were awaiting investigation on the 1st January, 1955.

Fifty-one cases were withdrawn before investigation and 252 were fully investigated, leaving 51 awaiting investigation at 31st December, 1955. Of the 252 fully investigated 233 were found to be maladjusted. A total of 98 cases were treated during the year.

The following Table gives an analysis of the method of referral, results of investigation, numbers treated, and results of treatment, etc.

Table G

	Attending School	Not Attending School		TOTAL
		Under 5	Over 5	
<u>Methods of Referral:-</u>				
Referred through County and School Medical Officer ..	120	6	6	132
Referred by Courts and Probation Officers	20	1	5	26
Parents and others	41	6	1	48
Hospitals	12	2	1	15
Social Agencies	7	-	2	9
Private Doctors	68	11	3	82
Private Schools etc.	3	1	-	4
Other Child Guidance Clinics	1	-	-	1
Brought forward from previous year (awaiting investigation on January 1st)	33	2	2	37
TOTAL	305	29	20	354

Table G (Contd.)

	Attending School	Not Attending School		TOTAL
		Under 5	Over 5	
<u>Results of Investigation:-</u>				
Fully investigated during year and found to be:-				
Maladjusted	201	17	15	233
Ineducable	-	1	-	1
Educationally sub-normal	18	-	-	18
Normal	-	-	-	-
Awaiting investigation at Dec. 31st	43	6	2	51
Withdrawn before investigation	43	5	3	51
TOTAL	305	29	20	354
<u>No Treatment Recommended:-</u> (Diagnostic Cases .. .)	125	8	11	144
<u>Cases Recommended for Treat- ment:-</u>				
Under treatment on January 1st	37	2	2	41
Fully investigated 1954 but treatment not commenced until 1955	17	-	-	17
Recommended for treatment during year and treatment commenced	35	4	1	40
Recommended for treatment but treatment not commenced at Dec. 31st	24	4	1	29
Treatment recommended but sub- sequently not required	1	-	-	1
Treatment recommended but not carried out for reasons un- connected with the Clinic	16	1	2	19
<u>Results of Treatment:-</u>				
Treated during year and closed "satisfactory"	12	2	-	14
Treated but closed "Unsatis- factory"	6	1	-	7
Closed "inconclusive" .. .	24	1	3	28
Still under treatment at Dec- ember 31st	47	2	-	49
TOTAL	89	6	3	98
<u>Recommendations as to Special Schools and Hostels:-</u>				
Maladjusted children recom- mended during year for:-				
Special Schools for Mal- adjusted	10	-	1	11
Boarding Schools	4	-	-	4
Boarding Homes	7	-	2	9
Foster Homes	-	-	-	-

Table G (Contd.)

	Attending School	Not Attending School		TOTAL
		Under 5	Over 5	
<u>Attendances and Visits:-</u>				
Total No. of clinic attendances made during year	3335	148	140	3623
Total No. of domiciliary visits made during year	147	5	6	158

During the year two students from the London University, were accepted at the Chichester Clinic, for the final two months of their training for the Mental Health Certificate Course.

HANDICAPPED PUPILS REQUIRING EDUCATION AT SPECIAL SCHOOLS OR BOARDING IN BOARDING HOMES

The following Table is from the Return Form 21M submitted to the Ministry of Education at the end of the year and shows the position in regard to handicapped pupils requiring education at Special Schools or boarding in Boarding Homes:-

Table H

	(1) Blind (2) Part- ially Sighted	(3) Deaf (4) Part- ially Deaf	(5) Delicate (6) Physi- cally Handi- capped	(7) Educa- tionally sub- normal (8) Mal- adjusted	(9) Epi- leptic	Total 1-9				
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
In the calendar year ending 31st December, 1955.										
A. Handicapped Pupils <u>newly placed</u> in Special Schools or Homes	4	1	3	1	9	3	19	8	2	50
B. Handicapped Pupils <u>newly ascertained</u> as requiring education at Special Schools or boarding in Homes	3	2	4	2	9	6	67	18	2	113
On or about January 31st, 1956.										
C. Number of Handicapped Pupils from the area:-										
(i) Attending Specials Schools as:-										
(a) Day Pupils	-	-	-	-	-	-	3	-	-	3
(b) Boarding Pupils	11	15	17	7	9	10	100	8	5	182
(ii) Attending independent schools under arrangements made by the Authority:-	-	-	11	4	-	2	3	33	-	53
(iii) Boarded in homes not already included under (i) and (ii):-	-	-	-	-	3	-	-	14	-	17
TOTAL (c)	11	15	28	11	12	12	106	55	5	255

Table H (Contd.)

	(1)Blind (2)Part- ially Sighted	(3)Deaf (4)Part- ially Deaf	(5)Delicate (6)Physi- cally Handi- capped	(7)Educa- tionally sub- normal (8)Mal- adjusted	(9) Epi- leptic	Total 1-9				
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
D. Number of Handicapped Pupils being educated under arrangements made under Section 56 of the Education Act, 1944:-										
(i) In hos- pitals	-	-	-	-	-	1	-	-	-	1
(ii) In other groups	-	-	-	-	-	-	-	-	-	-
(iii)At home	-	-	-	-	6	9	2	-	1	18
E. Number of Handicapped Pupils from the area requiring places in special schools (including any such children who are temporarily receiving home tuition or whose parents have not yet consented to their attending a special school).										
(i) (a) Day	-	-	-	-	-	-	97	-	-	97
(b) Board- ing	2	2	-	-	1	2	116	4	-	127
<u>Included in above totals</u>										
(ii) Number who had not reached the age of 5:										
(a) Await- ing day places	-	-	-	-	-	-	-	-	-	-
(b) Await- ing board- ing places	2	-	-	-	-	1	-	-	-	3
(iii)Number who had reached the age of 5, but whose parents had not consented to their admission to a Special School:										
(a) Await- ing day places	-	-	-	-	-	-	61	-	-	61
(b) Await- ing board- ing places	-	-	-	-	-	-	74	-	-	74

In addition to the numbers shown in Section A above, 19 children were also placed in Independent Schools as follows:-

Deaf 5; Partially Deaf 3; Physically Handicapped 1; Maladjusted 10.

Number of children reported during the year:

- (a) Under Section 57(3) (excluding any returned under (b) 14
- (b) Under Section 57(3) relying on Section 57(4) -
- (c) Under Section 57(5) 14
- of the Education Act, 1944.

Cooper's Special School

This school was opened in May, 1952, to accommodate 120 educationally sub-normal children requiring education in a residential special school. The Essex County Council have a number of places reserved for children from their area. During the year, 19 cases were admitted and 19 discharged. This includes 1 case admitted and 9 cases discharged belonging to other Authorities.

All children are medically examined by the Area School Medical Officer on admission and thereafter annually. The Medical Officer also visits the school fortnightly and the children are all on the "panel" of one of the General Practitioners under the National Health Service Act.

Speech Therapy

The Speech Therapist reports that during the year clinics were held at Bognor, Chichester, Horsham, Littlehampton, Shoreham, Steyning, Washington and Worthing.

The clinic at the Washington C.E. School was opened in April, 1955. The Shoreham and Steyning clinics were held at the Victoria Road Infants' School and the Steyning C.E. School respectively - a more convenient arrangement for the children concerned than travelling to and from the Shoreham Health Centre. Allowing for variations according to defect the children attend weekly in small groups for treatment varying from a few weeks to a year or more. It is helpful for the children to attend the clinic as soon as any defect is found, even though a definite course of treatment is seldom practicable until five years of age.

The time available for home and school visits by the Speech Therapist is limited. The parents of all the children, who usually attend unaccompanied, are expected to visit the clinic at regular intervals to discuss progress. A regular correspondence is maintained by the Speech Therapist with the Head Teachers of the schools concerned.

All cases referred to the Speech Clinic are assessed by the Speech Therapist to decide any necessary treatment and the urgency of the case. The following Table shows the number of clinics held and cases treated, and the attendance at the various clinics:-

Table J

Clinic	No. of Sessions	No. of Children Treated			Total Attendances
		New	Old	Total	
Bognor Regis	37	12(2)	6	18(2)	196(14)
Chichester	74	14(2)	18(4)	32(6)	321(30)
Horsham	42	21(3)	16(2)	37(5)	331(26)
Littlehampton	37	9(1)	5	14(1)	188(2)
Shoreham	37	11(2)	5	16(2)	202(11)
Steyning	38	5	2	7	93
Washington	26	2	-	2	34
Worthing	96	25(6)	32(13)	57(19)	341(72)
Total	387	99(16)	84(19)	173(35)	1706(155)

(Figures in brackets refer to children under school age and are included in the totals).

In addition to treating children the Speech Therapist gave 384 interviews to 227 children; 79 had one interview only, usually followed by treatment; 102 attended at least twice for observation only, and 46 attended for follow-up after a regular period of treatment. Fifty children were given a final/discharge. The Speech Therapist also devoted approximately 13 sessions to home and school visits.

Mass Radiography

No Mass Radiography Unit visited the County during the year but following a teacher at one of our town schools being diagnosed as suffering from pulmonary tuberculosis, arrangements were made for a mass X-ray of the pupils who were in the classes taken by this teacher. A total of 163 boys were X-rayed. No case of tuberculosis was found.

During the year a total of 78 candidates for admission to Training Colleges were examined. A chest X-ray is not usually a requirement as part of the examination, but where there is any suggestion of previous "chest history" the case is referred to the Chest Physician concerned. One or two Training Colleges ask for a chest X-ray as part of their own admission regulations and in such cases arrangements are made for chest X-rays to be carried out.

Two new entrants to the teaching profession were examined by the Medical Staff of the School Health Service. These candidates had chest X-rays as required by the Ministry of Education.

Teachers applying for appointments under this Authority, are not required to undergo a medical examination, but if the Director of Education has any reason to doubt the fitness of an applicant, the previous medical history is obtained and if thought necessary a medical examination, including X-ray, is carried out before the appointment is confirmed. In this respect two teachers were accepted during the year by the Director of Education.

Nutrition Cases

Nutrition Clinics continue to be held periodically at the Health Clinics in the County. In addition the Medical Officers at each visit to the country schools review all cases classified as of sub-normal nutrition. During 1955, a total of 506 individual children were examined, the attendances totalling 879. This compares with 712, making 1,244 attendances in 1954, and 971, making 2,229 attendances in 1953 and 1,653, making 3,062 attendances in 1952.

It will be noticed that the attendances at the Nutrition Clinics have again decreased, and this process has been going on for many years. There is no doubt that this decrease may be explained by the continual improvement in the condition of the children since the end of the war, as shown in Table A (page 3).

Mid-day Meals in Schools

By the end of 1955 there were in operation in the County three Central Kitchens and 131 School Canteens. No school was without a School Meals Service.

Children and Young Persons Act, 1933

165 cases were examined during the year, the majority being dealt with under Section 35, which requires a medical report in all cases to be brought before the Juvenile Court. In addition 3 children were examined under Section 52, in connection with their appearances in public entertainments.

Provision of Milk for School Children

One-third pint of milk under the Milk-in-Schools Scheme is provided free of charge to all pupils attending school. At the end of 1955, all schools were being supplied with Tuberculin tested or pasteurised milk.

School Nurses

The arrangements remain the same as in previous years. The Health Visitors/School Nurses attend and assist at Medical Inspections, Clinics and Diphtheria Immunisation sessions, in addition to following up children at home and making special visits to schools.

Infestation by Lice

On referring to Table III (page 18), it will be seen that a total of 90,050 examinations in schools were made by the School Nurses. Of the total number of individual children inspected 257 had nits or vermin in their hair. The figures for 1954 were 103,439 and 337, and for 1953, 91,900 and 335 respectively.

Dental

Table V (page 22) gives particulars of the work of the School Dentists and I am indebted to Mr. H.D. Hall, the Principal School Dentist, for the following report on the School Dental Service:-

"The work of the School Dental Service in this County continued to maintain the high standard of previous years. A perusal of the statistics (page 22) show that over 8,000 more children were inspected than in 1954, though approximately the same number were treated. Once again the number of fillings has increased, this year by over 2,000. This shows that a great deal more time has been spent on conservative work than in the previous year - a step in the right direction. Extractions, both of permanent and temporary teeth, have also increased, as has the administration of general anaesthetics for extractions.

"The consent rate has again decreased and as mentioned in my last report, this is no doubt due to the fact that the dentists under the National Health Service dental scheme are showing greater eagerness to obtain school children as patients and so more and more children are being treated outside the School Dental Service. From the point of view of the general health of the children, the picture is a good one as more treatment is also being done under our own Service and more under the General Dental Service and in fact the discovery of a septic mouth is now a rarity.

"Over 200 children were treated for the correction of irregularities of teeth by means of appliances worn and this facility is greatly appreciated by parents.

"During the year one young dental officer resigned and his appointment was quickly succeeded by another newly qualified young man who only stayed with us six months and by the end of the year we were still unable to replace him. It will thus be seen that we have had the disadvantage of quick staff changes in one particular area, which is not good for the Service.

"Unhappily it is still found to be most difficult to obtain young dental officers to join the School Dental Service."

I give below a list of the School Clinics held in the County:

Clinic Address	Type of Clinic Held				
	Dental	Refraction	Orthopaedic	Speech Therapy	Others
<u>HEALTH CENTRES</u>					
<u>Bognor Regis</u> Westloats Lane	As required	Weekly	-	Weekly	<u>Minor Ailment</u> Medical Officer: Weekly. <u>Physiotherapy</u> 2 Sessions per week.
<u>Chichester</u> Chapel Street	Daily	Weekly	Approximately every 6 weeks	2 Sessions per week	<u>Minor Ailment</u> Medical Officer: Fortnightly. <u>Physiotherapy</u> 3 Sessions per week. <u>Orthoptic</u> 4 Sessions per week. <u>E.N.T.</u> As required.
<u>Horsham</u> Hurst Road	As required	Weekly	Approximately every 2 months	2 Sessions per week	<u>Minor Ailment</u> Medical Officer: Monthly. <u>Physiotherapy</u> 2 Sessions per week. <u>Orthoptic</u> 3 Sessions per week.
<u>Lancing</u> Irene Avenue	As required	Fortnightly	Approximately every 2 months	Weekly	<u>Minor Ailment</u> Medical Officer: As required. <u>Physiotherapy</u> 2 Sessions per week.
<u>Littlehampton</u> Elmgrove Road	As required	Fortnightly	Approximately every 2 months	Weekly	<u>Minor Ailment</u> Medical Officer: Weekly. <u>Physiotherapy</u> 3 Sessions per week.
<u>Shoreham</u> Middle Road	As required	Weekly	-	As required	<u>Minor Ailment</u> Medical Officer: As required. <u>Physiotherapy</u> 2 Sessions per week.
<u>Worthing</u> Stoke Abbott Rd.	Daily	Weekly	Monthly	2 Sessions per week	<u>Minor Ailment</u> Medical Officer: Twice weekly. <u>Physiotherapy</u> 5 Sessions per week. <u>Orthoptic</u> 4 Sessions per week. <u>E.N.T.</u> Fortnightly or as required. <u>Displacement</u> 2 Sessions per week.
<u>CLINICS</u>					
<u>Arundel</u> Maltravers St.	As required	As required	-	-	
<u>Crawley</u> Langley Green	As required	-	-	As required	<u>Minor Ailment</u> Medical Officer: Monthly. <u>Physiotherapy</u> 1 Session per week.
<u>Petworth</u> High Street	As required	-	-	As required	<u>Physiotherapy</u> 1 Session per fortnight.
<u>Selsey</u> Infants' School	As required	-	-	-	
<u>Shoreham</u> Infants' School	As required	-	-	As required	<u>Minor Ailment</u> Medical Officer: as required.

In addition - Refraction Clinics are held as required at Crawley - Dr. Nankivell's Surgery and Midhurst - Monthly - Mr. Mitten's Consulting Rooms, Church Hill.

Speech Therapy Clinics are held at Staying C.E. School and Washington C.E. School as required.

Minor Ailment Clinics are held weekly at Durrington School, Worthing, and as required at West Park School, Worthing.

TABLE 1 - 1955

MEDICAL INSPECTIONS OF PUPILS ATTENDING
MAINTAINED PRIMARY AND SECONDARY SCHOOLS.

1st January, 1955, to 31st December, 1955

(a) Periodic Medical Inspections

Number of Inspections in the prescribed Groups:-

Entrants	4965
Second Age Group...	4167
Third Age Group ...	2238
	TOTAL
Number of other Periodic Inspections	11370
	4189
	GRAND TOTAL
	15559

(b) Other Inspections

Number of special Inspections	1582
Number of Re-Inspections	14774
	TOTAL
	16356

(c) Pupils found to Require Treatment

Number of Individual Pupils found at
Periodical Medical Inspection to require
treatment (excluding Dental Diseases and
Infestation with Vermin)

Group (1)	For defective vision (excluding squint) (2)	For any of the other conditions recorded in Table IIA (3)	Total individual pupils (4)
Entrants ...	66	284	343
Second Age Group ...	214	211	400
Third Age Group ...	171	115	259
Total (Pre- scribed Groups)	451	610	1002
Other Perio- dic In- spections	155	177	326
GRAND TOTAL	606	787	1328

TABLE II

(a) RETURN OF DEFECTS FOUND BY MEDICAL INSPECTION IN THE YEAR ENDED
31st DECEMBER, 1955

Defect Code No.	Defect or Disease (1)	PERIODIC INSPECTIONS		SPECIAL INSPECTIONS	
		No. of Defects		No. of Defects	
		Requiring treatment (2)	Requiring to be kept under ob- servation but not requiring treatment (3)	Requiring treatment (4)	Requiring to be kept under ob- servation but not requiring treatment (5)
4	Skin	39	217	83	3
5	Eyes: a. Vision..	606	1070	140	37
	b. Squint..	58	138	6	-
	c. Other ..	31	103	42	7
6	Ears: a. Hearing	9	179	6	8
	b. Otitis Media	7	73	5	2
	c. Other	18	82	24	6
7	Nose or Throat ..	92	769	36	35
8	Speech	45	299	35	14
9	Cervical Glands..	1	688	1	5
10	Heart and Circulation	10	183	1	12
11	Lungs.. ..	17	272	2	14
12	Developmental:				
	a. Hernia..	11	30	3	1
	b. Other ..	6	97	1	2
13	Orthopaedic:				
	a. Posture	100	163	2	14
	b. Flat Foot	86	124	21	8
	c. Other ..	153	643	41	36
14	Nervous System:				
	a. Epilepsy	7	21	3	3
	b. Other ..	7	72	7	5
15	Psychological:				
	a. Development	17	180	12	3
	b. Stability	9	124	19	5
16	Other.. ..	62	264	269	76

(b) CLASSIFICATION OF THE GENERAL CONDITION OF PUPILS INSPECTED DURING THE YEAR IN THE AGE GROUPS.

Age Groups	No. of pupils Inspected	A (Good)		B (Fair)		C (Poor)	
		No.	% of Col.2	No.	% of Col.2	No.	% of Col.2
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Entrants ...	4965	2561	51.58	2365	47.63	39	0.79
Second Age Group	4167	2234	53.61	1897	45.52	36	0.86
Third Age Group	2238	1109	49.55	1109	49.55	20	0.89
Other Periodic Inspections	4189	2275	54.31	1881	44.90	33	0.79
TOTAL ...	15559	8179	52.57	7252	46.61	128	0.82

TABLE III

INFESTATION WITH VERMIN

- (i) Total number of examinations in the Schools by the School Nurses or other authorised persons ... 90050
- (ii) Total number of individual children found to be infested ... 257
- (iii) Number of individual pupils in respect of whom cleansing notices were issued (Section 54(2) Education Act, 1944) ... 3
- (iv) Number of individual pupils in respect of whom cleansing orders were issued (Section 54(3) Education Act, 1944) ... -

TABLE IV.

TREATMENT OF PUPILS ATTENDING MAINTAINED PRIMARY
AND SECONDARY SCHOOLS (INCLUDING SPECIAL SCHOOLS).

Treatment provided by the Authority includes all defects treated or under treatment during the year by the Authority's own staff, however brought to the Authority's notice, i.e. whether by periodic inspection, special inspection, or otherwise, during the year in question or previously.

Treatment provided otherwise than by the Authority includes all treatment known by the Authority to have been so provided, including treatment undertaken in school clinics by the Regional Hospital Board.

Group 1. Diseases of the Skin (excluding uncleanliness for which see Table III).

	Number of Cases Treated or under Treatment during the year	
	By the Authority	Otherwise
Ringworm: (1) Scalp	-	-
(2) Body	6	-
Scabies	4	1
Impetigo	89	5
Other Skin Diseases	425	19
TOTAL	524	25

Group 2. Eye Diseases, Defective Vision and Squint

	Number of Cases Dealt with	
	By the Authority	Otherwise
External and other, excluding errors of refraction and squint	326	7
Errors of refraction (including squint)	758	1675
TOTAL	1084	1682
Number of pupils for whom spectacles were		
(a) Prescribed	587	1031
(b) Obtained	550	966

Group 7. Other Treatment Given.

	Number of Cases Treated	
	By the Authority	Otherwise
(a) Miscellaneous Minor Ailments... ..	3922	33
(b) Other		
1. Orthoptic	-	376
2. Displacement Treatment for chronic nasal catarrhal con- ditions	23	-
3. Respiratory System	489	-
4. Genito-urinary	34	-
5. Alimentary	27	-
6. Others	73	-
TOTAL	4568	409

Group 3. Diseases and Defects of Ear, Nose and Throat.

	Number of Cases Treated	
	By the Authority	Otherwise
Received Operative Treatment:-		
(a) For diseases of the ear	-	-
(b) For adenoids and chronic tonsillitis	-	25
(c) For other nose and throat conditions	-	1
Received other forms of Treatment ..	191	50
TOTAL	191	76

Group 4. Orthopaedic and Postural Defects

(a) Number treated as in-patients in hospital	45*	
	By the Authority	Otherwise
(b) Number treated otherwise, e.g. in clinics or out-patient departments.. .. .	-	368

*Includes seven cases re-admitted during the year

Group 5. Child Guidance Treatment

	Number of Cases Treated	
	In the Authority's Child Guidance Clinics	Elsewhere
Number of Pupils treated at Child Guidance Clinics.. .. .	98	-

Group 6. Speech Therapy.

	Number of Cases Treated	
	By the Authority	Otherwise
Number of Pupils treated by Speech Therapists	162	-

TABLE V

DENTAL INSPECTION AND TREATMENT CARRIED OUT
BY THE AUTHORITY(1) Number of pupils inspected by the Authority's Dental
Officers:-

(a) Periodic age groups	...	...	...	...	...	47415
(b) Specials	...	...	...	...	...	1219
TOTAL (1)						48634
(2) Number found to require treatment	...	...	...	...	...	26114
(3) Number offered treatment	...	...	...	...	...	26114
(4) Number actually treated	...	...	...	...	...	12073
(5) Attendances made by pupils for treatment	...	...	...	...	...	24816
(6) Half-days devoted to:	Inspection	...	...	...	...	443 $\frac{1}{2}$
	Treatment	...	...	...	...	4031
TOTAL (6)						4474 $\frac{1}{2}$
(7) Fillings:	Permanent Teeth	...	...	...	...	18363
	Temporary Teeth	...	...	...	...	5599
TOTAL (7)						23962
(8) Number of teeth filled:	Permanent Teeth	...	...	...	...	15644
	Temporary Teeth	...	...	...	...	5131
TOTAL (8)						20775
(9) Extractions:	Permanent Teeth	...	...	...	...	1717
	Temporary Teeth	...	...	...	...	10374
TOTAL (9)						12091
(10) Administration of general anaesthetics for extraction	...	...	...	...	...	1551
(11) Other operations:	Permanent Teeth	...	...	...	...	2588
	Temporary Teeth	...	...	...	...	1889
						4477

Courses:

Courses in numerous aspects of Physical Education have been held in different schools throughout the County during the year, and the excellent support which these have received provides convincing evidence of the teachers' enthusiasm.

The Ministry of Education film "See How they Move", which deals with the child's growth in physical skill in the Primary School, has been shown widely throughout the County both at teachers' and Parent/Teacher Association meetings. A swimming course was held at Horsham in the weeks immediately prior to the commencement of the swimming season. As satisfactory water demonstration in an outdoor unheated pool is impossible, particularly at the beginning of the season, valuable use was made of film loops; these loops enable much more detailed observation to be made than is possible in an ordinary film, as the single stroke can be watched many times - in slow motion or at normal speed, or the loop may be stopped to show a certain position. It is hoped gradually to build up a small library of such loops to enable the teachers and children to observe carefully the techniques of the experts in the various fields of sport.

Courses were also held in cricket coaching at Horsham, Chichester and Worthing, Football Association coaching at Crawley, games training for junior girls at Bognor Regis and Horsham, and hockey at Lancing. A day conference on the "Observation and Treatment of Minor Orthopaedic Defects" was held in Chichester, when Mr. Cholmeley the County Orthopaedic Consultant, was the main speaker. "Physical Education in the Junior School" was the subject of a series of demonstrations and discussions for teachers in Worthing during the Summer Term.

A new feature in the 1955 training programme has been the introduction of a termly conference of men specialist teachers, from the secondary schools. Each meeting has been held in a different secondary school, and, amongst other features, the teachers have had the opportunity of observing a particular aspect of the work of that school and also, in some cases, of Physical Education in neighbouring infant and junior schools. A third teacher from West Sussex has qualified as an Advanced Coach with the M.C.C. after a course at Lilleshall.

A series of lectures on "Music and Movement" have been planned by the Music and Physical Education Organisers for the Spring, 1956. These courses, which will be held in local centres, will be followed by a residential weekend course at Lodge Hill.

Facilities

The progress in the re-organisation of the all-age schools has resulted in more children of secondary school age being able to enjoy good facilities for gymnastics and games. The newest gymnasia have been equipped with the Cave-Southampton type of swing-out wallbars, an innovation which provides for a much greater range of activities than the wallbars fixed against the walls.

In the new Primary Schools also, useful Agility Apparatus has been installed; it is disappointing, however, that of the comparatively few primary schools with halls, some have had to be used as additional classrooms, thus resulting in difficulty in the arrangement of physical education lessons in bad weather. A few of the new primary schools are provided with under floor heating in their halls, and this would seem to be a most desirable feature as children should be encouraged to work bare-footed.

Sports Associations

The West Sussex Girls' Sports Association had a successful season, and good weather was enjoyed at all events except the Athletic Meeting. This was held on a very chilly day earlier in the season than usual, and was preceded by a month of rather cold wet weather - these two factors naturally combined to provide rather disappointing results. However, a team was

selected to take part in the Sussex Schools' Athletic Meeting, and several girls proceeded to the National Championships.

The Rounders Rally at Lancing was held in brilliant sunshine, and there was even sunshine at the Hockey Rally, an event which had had to be cancelled because of bad weather for the two previous years.

As the schools forming the Rural Schools' Sports Association are now largely re-organised, the few remaining schools still having senior pupils combined with the Eastergate Schools' Sports Association at their Athletic Meeting at Bognor Training College.

The local Sports Associations held their own junior sports meetings and rounders rallies. Folk Dance Festivals were held at Boxgrove, Horsham and Crawley.

The Boys' Sports Association had another busy year with a full programme of games in soccer, rugby and cricket, and successful competitions in boxing, swimming and athletics. The Rugby Sub-Committee has widened its scope to include Under 15 and Over 15 fixtures, and from these games several West Sussex boys were selected to play in Sussex County sides. As a result of the wider use of the Football Association Coaching Scheme in our schools, the standard of inter-school soccer has shown steady improvement. With rapidly increasing interest being shown in basketball, it is evident that the Association will have to form a basketball section to run an inter-school rally.

Despite lack of facilities, the West Sussex Boys' Association played a prominent part in the first gala of the newly formed Sussex Schools' Swimming Association.

H. CROSS
K.J. WHITTARD

County Organisers of Physical Education.

